

## Product datasheet for **SC213017**

### **ING1 (NM\_198217) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	ING1 (NM_198217) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ING1
Synonyms:	p24ING1c; p33; p33ING1; p33ING1b; p47; p47ING1a
ACCN:	NM_198217
Insert Size:	2000 bp



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**Insert Sequence:** >SC213017 3'UTR clone of NM\_198217  
 The sequence shown below is from the reference sequence of NM\_198217. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCAAAAAAGAGAGGGCTTACAACAGGTAGTTTGTGGACAGGCGCCTGGTGTGAGGAGGACAAAATAAA
CCGTGTATTTATTACATTGCTGCCTTTGTTGAGGTGCAAGGAGTGTAAAATGTATATTTTTAAAGAATG
TTAGTAAAGGAACCATTCCTTTTCATAGGGATGGCAGTGATTCTGTTTGCCTTTTGTTCATTGGTACA
CGTGTAACAAGAAAGTGGTCTGTGGATCAGCATTTTAGAACTACAAATATAGGTTTGATTCAACACTT
AAGTCTCAGACTGATTTCTTGCGGGAGGAGGGGACTAACTCAACCTAACACATTAATGTGGAAGGA
AAATATTTCAATTTAGCTTTTTTATTTAATAACAAGTAATATTACTTTATGAACAATTTTTTTAAT
TGGCCATGTCGCAAAAAATACAGCCTATAGTAAATGTGTTTCTTGTGCTGCCATGATGTATATCCATATAA
CAATTCAGTAACAAAGGTTTAAAGTTTGAAGATTATTTTTTAAAAAGGTAATGGTTAAATTTTACATG
ACAGATATTTTATCTATTGGCCTGTCCCAAAATGGCCATTTTAAATGCTTGGGTACACTTCTCTTAA
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AGCAGATGCTGTTGTGAAGCTAATGTCACAATTATGTGCAAAGGTGTGCTTCCCTGCTGTATGTGAGCTG
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TTTTGTATTATTGTTCTCACTTATTATTAATAATGAAGTAGAAGTTACTTAATTGCCAGCAATAAATA
CGTGTCAAAAAAGAATCTGTATTTCAGACCCTGGGTCAGGAAATTAAGTCCCACTTGTCAAGTTTCAGCC
ACCATCTGTTTGAAGATTATATGAAGTTTAAATTTAGTGTCCATAAATAAAGTTTCAGCGGAACACAG
CCGTGCTTATGTGCGTATGTATTGTCTGACTGCTTTTGCAAAACGGCAGAGTTCAATAGTTGCACCTGA
AACCATTTGACTTGACAAGCCAAAATATTTTCTGGCCCTCTGCAGAAAGGGTTTGTGACCTCTGATT
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TATTTTTTTGAGATTGAGTTCCAGGCTGGAGTGAATAGCGCAATCTTGGCTCACCGCAACCTCCGCT
CCCAGGTTCAAGCGATTGCTCCTGCCTCAGCCTCCCAAGTACTAGGATTACAGGCATGCACCACCACGC
CTGGCTAATTTTGTATTTTCAGTAGAGACGCGTTTCTCCATGTTGGTCAATGGCTGCTCGCACTCCC
GACCTCAGGTGATCCACCTGCCTCAGCCTTCAAAGTGTGGGATTACAGGTGTGAGCCACCGTGCCCG
GCTGGAGTTTTCAATTTTTTTTTTTTTTTTTTTTTCTGAGATGGAGTCTCACTCTGTCTCCAGGCTAGAG
TGCAAGTGGCCAGTCTTGGCTCACTGCAACCTCTGCCTCTCGGGTTCAAGCGATTCTCTTGCCTCAGCC
TCCCGAGTAGCTGGGACTACAGGTGCGTGCCACCATGCCAGCTAATTTTTGTATTTTTAGTAGAGATG
GGTTTTACCATGTTGGCCAGTATGGTCTCGAGCTTTGACCATGATCCGCCACCTCGGCTCCCAACA
GTGCTGGGATTACAGGCGTGAGCCACCGTGCCTGAGTGATACGTGGTTCCCTTTAACTTCGCACATG
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_198217.3](#)

**Summary:** This gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The encoded protein is a nuclear protein that physically interacts with the tumor suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

**Locus ID:** 3621

**MW:** 76.5